

Fire Weather Briefing for March 8, 2011

A Red Flag Warning is in effect nearly all of West Central Texas from 11 AM Tuesday morning through 7 PM Tuesday afternoon. The exception is the extreme southeast counties where abundant trees and terrain effects will keep wind speeds just below critical thresholds.

Dangerous Fire Weather Conditions on Tuesday!!!

Many Wildfires are started by people

- Do not attempt to burn trash or brush!
- Do not throw cigarettes from your car or truck or drive into high grass!
- Do not use outside equipment such as metal grinders or welders!

Wind Gusts of 40-50mph will create fast moving, wind-driven fires

Afternoon Humidities falling to 5% to 10%

Visibility near fires will be reduced to near zero

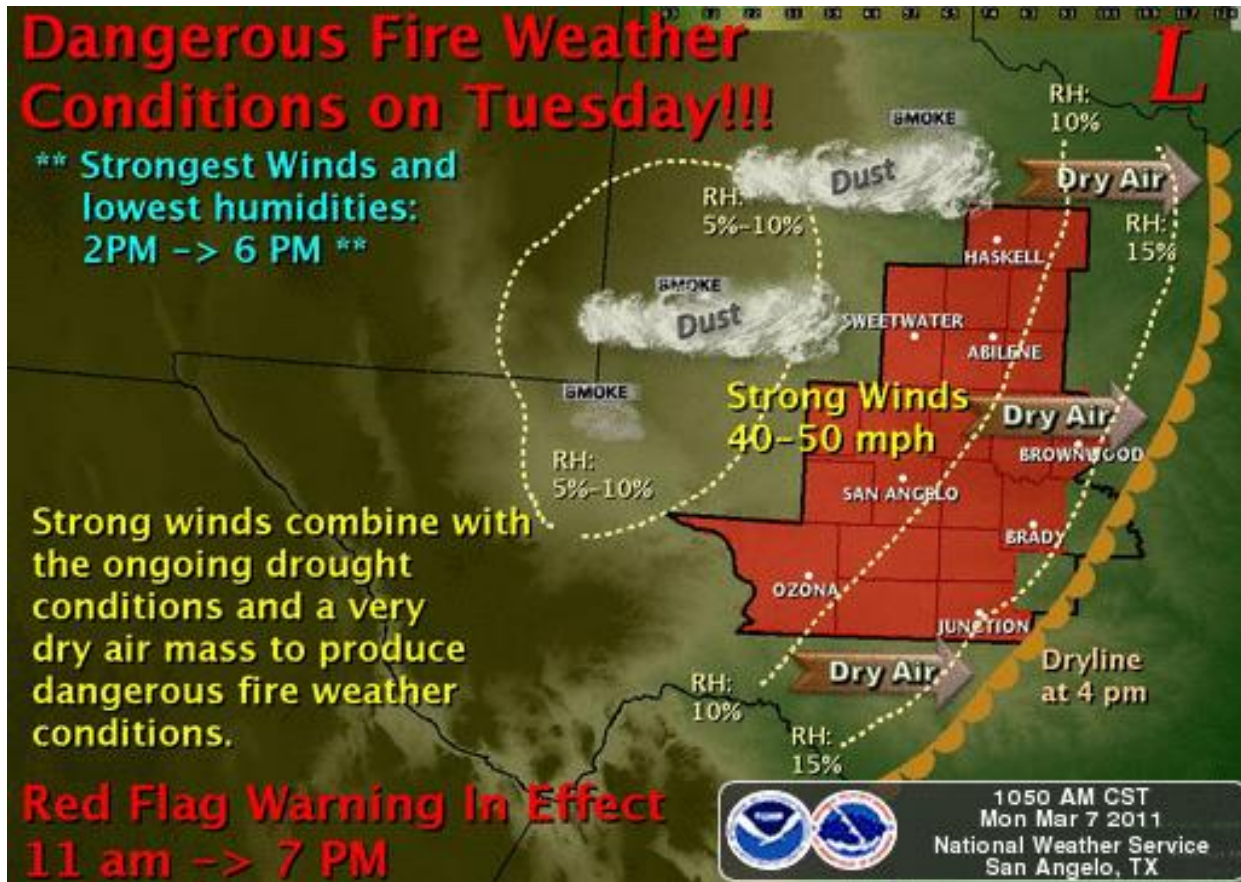
Red Flag Warning In Effect!

HASKELL
SWEETWATER
ABILENE
BROWNWOOD
SAN ANGELO
BRADY
OZONA
JUNCTION

943 AM CST
Mon Mar 7 2011
National Weather Service
San Angelo, TX

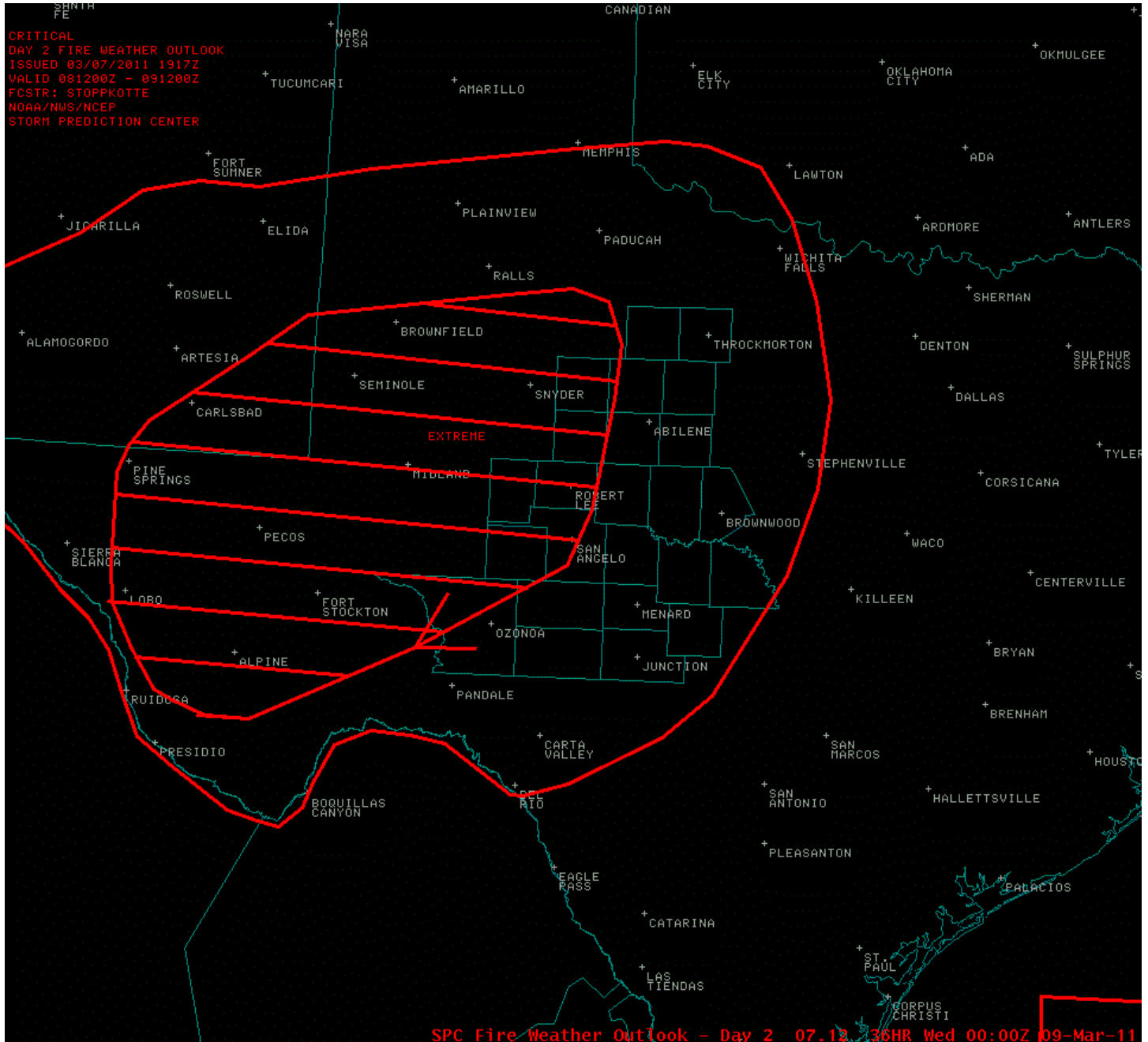
Forecast overview

A dryline is forecast to push through West Central Texas early in the day, resulting in relative humidities falling to 10% or less across the western half of the forecast area. West winds will increase to 25-35 mph with gusts to 45-50 mph during the afternoon. This will result in conditions that will pose a significant threat to fire officials as any fires that develop will be prone to rapidly spread and grow upscale.



If fires are observed, please remember that the National Weather Service can provide support for fire and rescue crews. We do request notification of any fires that do develop in the forecast area. Call the San Angelo office at (325) 944-9445 if you have any questions.

The Storm Prediction Center outlook for tomorrow shows the greatest area of concern across the western half of the forecast area, roughly along and west of a line from Haskell, to San Angelo, to Ozona. While critical thresholds (20ft winds > 20 mph and humidities < 20%) are expected nearly everywhere, this is where the combination of strongest winds and driest air will be found.



Critical Fire Weather conditions within outer red boundary. Extreme Fire Weather conditions expected within hatched area.

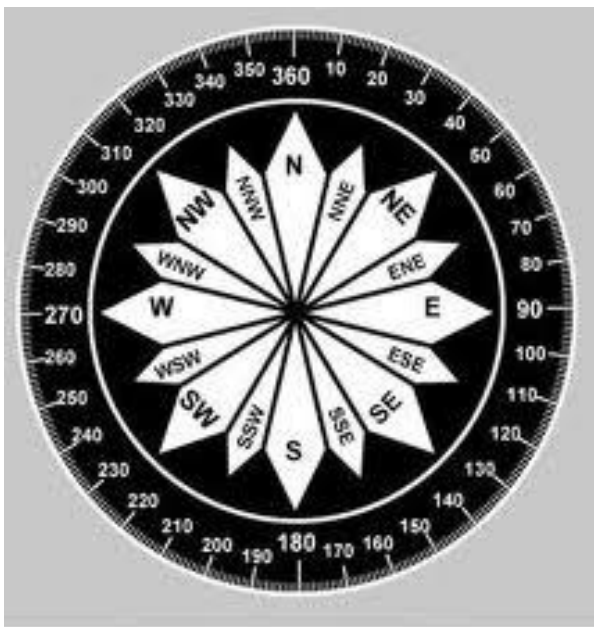
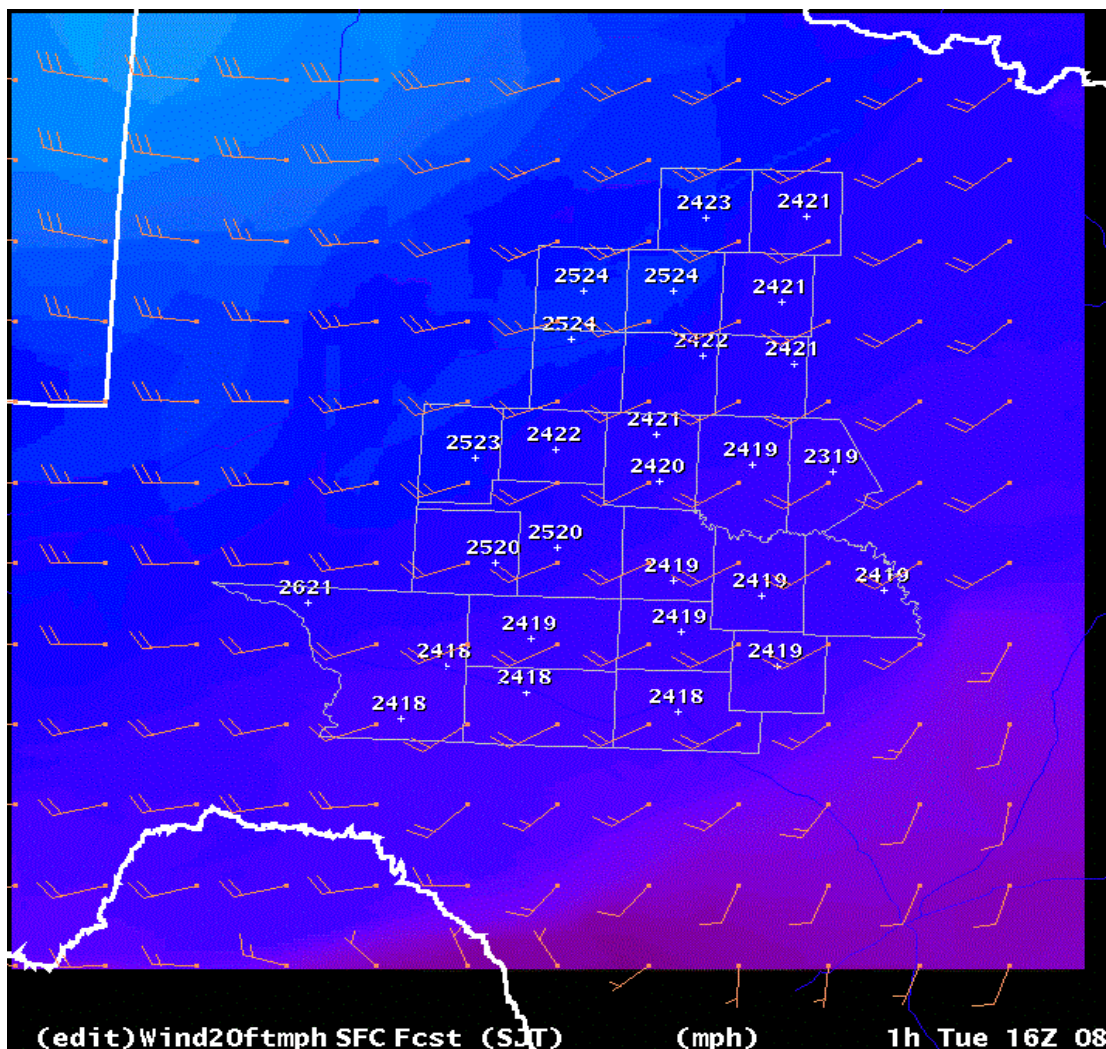


Figure 8-4.—Compass rose.

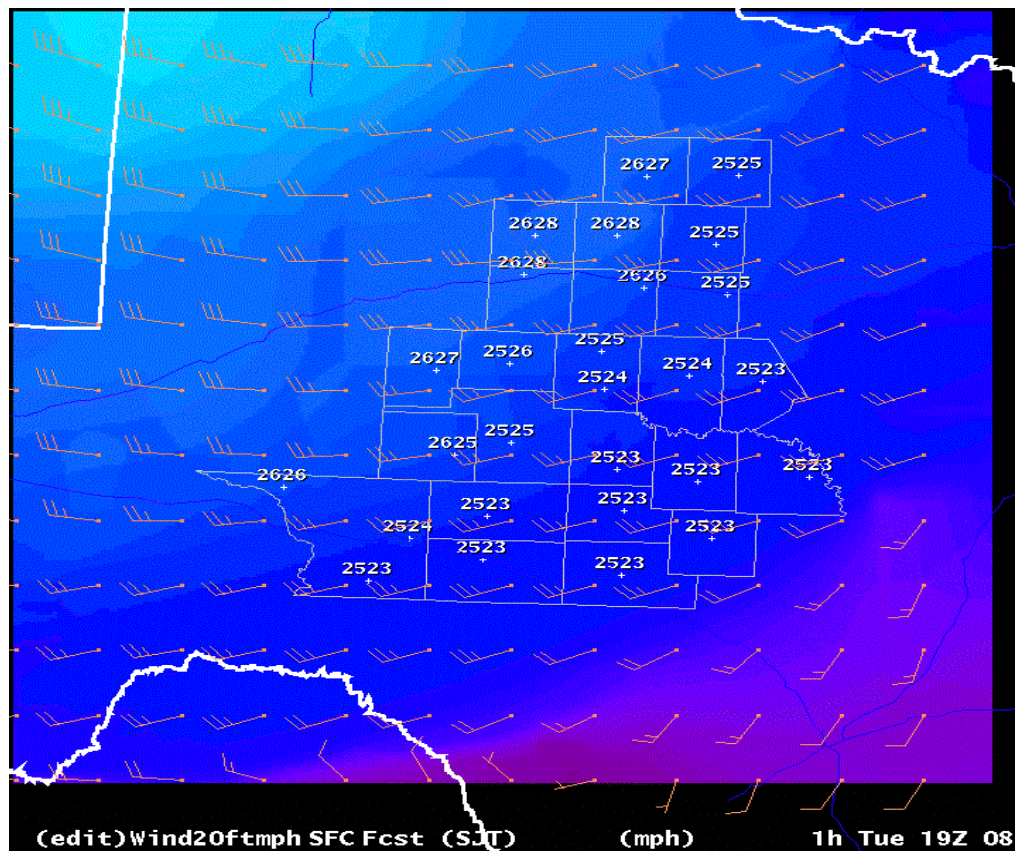
Wind speeds will increase to 25-35 mph across much of the area by late morning and continue through the afternoon hours. The next three slides show the progression of forecast 20 foot winds in mph. The numbers at the sample points indicate direction (first two digits of) and speed.

For example: at San Angelo, “2520” can be interpreted as the wind coming from 250 degrees (west-southwest at 20 mph). The image to the left correlates the compass direction with azimuth degrees.

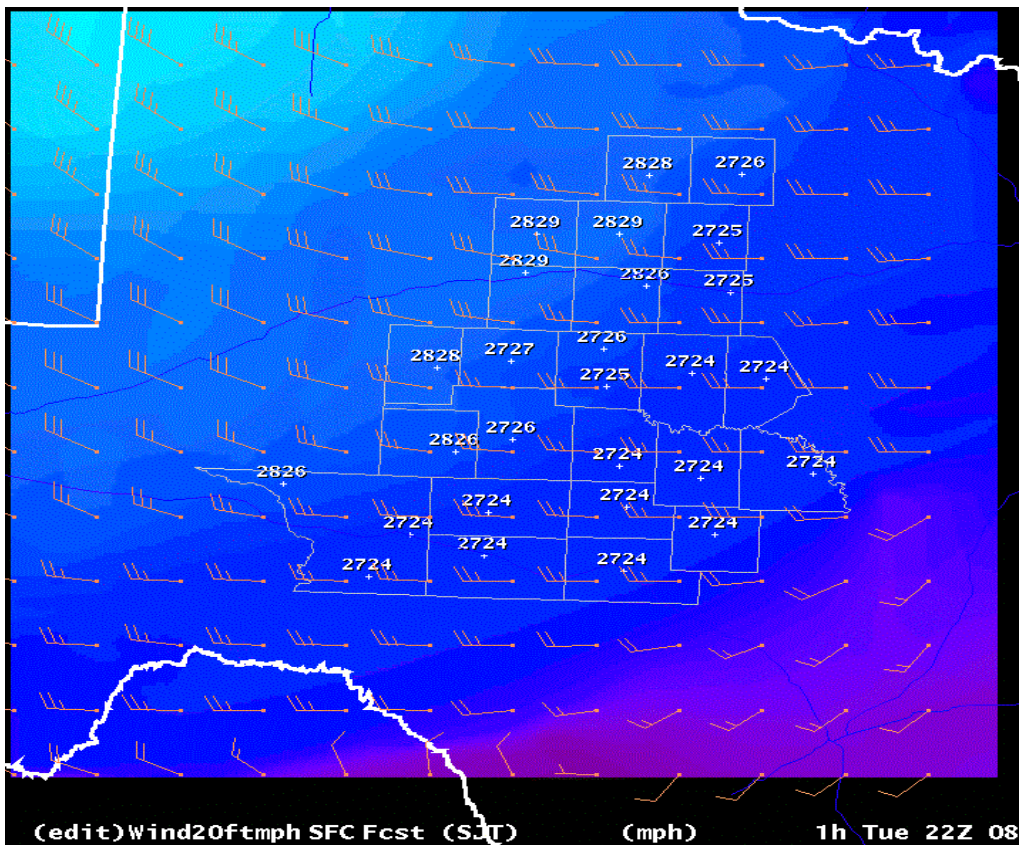
10 AM:



1 PM:

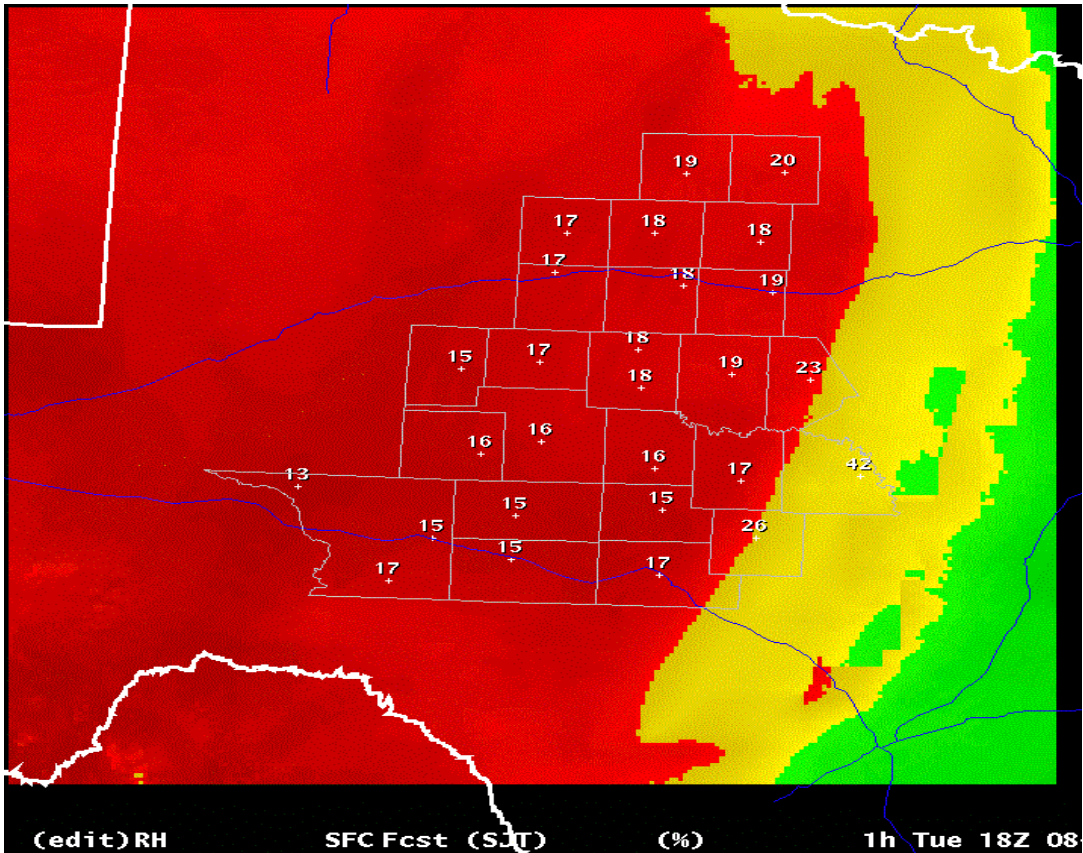


4 PM:



Relative humidities expected Tuesday afternoon:

Noon:



4 PM:

